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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Ryoji HAGIWARA et al.

Serial No. 10/016,830 :

Filed: December 13, 2001

For: CHARGED PARTICLE PROCESSING FOR FORMING :

PATTERN BOUNDARIES AT A UNIFORM THICKNESS : Docket No. S004-4504

COMMISSIONER OF PATENTS AND TRADEMARKS Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT UNDER PATENT RULES 97 AND 98

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SIR:

Applicants submit this information disclosure statement pursuant to 37 CFR §§1.97 and 1.98.

This application has not received a first Office Action on the merits. Accordingly, this information disclosure statement is being filed under 37 CFR §1.97(b)(3), i.e., before the mailing date of a first Office Action on the merits.

Information Disclosure Statement

Pursuant to 37 CFR §1.98, a list of patents, publications or other information submitted for consideration by the PTO is provided on annexed Form PTO-1449. A legible

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copy of each item of information listed on the Form is submitted herewith. Also submitted is an English-language version of the foreign Search Report which cited each item of information.

As to each item of information, if any, which is not in the English language, a concise explanation of the relevance thereof pursuant to 37 CFR §1.98(a)(3) is given in the English-language version of the Search Report which cited the information.

Consideration of this information disclosure statement is respectfully requested.

Respectfully submitted,

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MAILING CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: COMMISSIONER OF PATENTS & TRADEMARKS, Washington, D.C. 20231, on the date indicated below.

Debra Buonincontri

April 23, 2003

Date